

Mineral Industry Surveys

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CRUSHED STONE AND SAND AND GRAVEL IN THE THIRD QUARTER 2003

An estimated 451 million metric tons of *crushed stone* were produced and shipped for consumption in the United States in the third quarter of 2003, an increase of 0.8% compared with the same period of 2002. The estimated output of *crushed stone* produced for consumption in the first 9 months of 2003 was 1.11 billion metric tons, a 5.4% decrease compared with the same period of 2002.

The estimated U.S. output of *construction sand and gravel* produced and shipped for consumption in the third quarter of 2003 was 346 million metric tons, an increase of 1.2% compared with the same period of 2002. The estimated output of *construction sand and gravel* produced for consumption in the first 9 months of 2003 was 851 million metric tons, an increase of 0.4% compared with the same period of 2002.

The above estimates are based on information reported to the U.S. Geological Survey (USGS) quarterly sample survey by the *crushed stone* and *construction sand and gravel* producers. The increases in the production-for-consumption of *crushed stone* and *construction sand and gravel* in the third quarter of 2003 while small, indicate an increase in the level of activity in public, private, and commercial construction work as well as favorable weather conditions in most regions of the country.

In the third quarter of 2003, there was also a 5.3% increase in the U.S. portland cement consumption, compared with the same period of 2002.

The USGS quarterly survey on domestic production of *crushed stone* and *construction sand and gravel* has become a significant indicator of construction activity at the national as well as State level. This survey is a sample survey that generates production-for-consumption estimates by quarters for each State, except Alaska and Hawaii, and each geographic division, based on information reported voluntarily by a limited number of producing companies. Occasionally, the number of companies reporting in an area varies from quarter to quarter, or previously reported data by some companies are revised. As a result of such changes in the size or the composition of the

statistical sample, the estimated quantities for prior quarters are recalculated. The latest release of the quarterly Mineral Industry Surveys contains the most recent estimated totals and percentage changes and supersedes previously published similar information.

The production-for-consumption estimates for *crushed stone* and *construction sand and gravel* are generated independently for each State and each geographic division, which are treated as separate statistical sample areas. Therefore, some differences may exist between the total for a division and the sum of State totals that are part of the same geographic division.

The leading geographic divisions in the production of *crushed stone* sold or used in the third quarter of 2003 were the South Atlantic with 105 million metric tons, or 23.3% of the U.S. total, followed by the East North Central with 91.9 million metric tons, or 20.4%, and the Middle Atlantic with 58.7 million metric tons, or 13%.

The estimated *crushed stone* sold or used in the third quarter of 2003 decreased in seven of the nine geographic divisions. The largest decreases in percentages compared with the same period of last year were recorded in the Pacific (-8.6%), the Mountain (-4.5%), and the West North Central (-3.9%) divisions. Increases in the production of *crushed stone* were recorded in the South Atlantic (10.5%) and East South Central (4.1%) division.

The leading geographic divisions for the total amount of *construction sand and gravel* sold or used in the third quarter of 2003 were the East North Central with 66.2 million metric tons, or 19.1% of the U.S. total, followed by the Pacific with 63.5 million metric tons, or 18.4%, and the Mountain with 62.9 million metric tons, or 18.2%.

The estimated *construction sand and gravel* sold or used in the third quarter of 2003 increased in seven of the nine geographic divisions. The largest increases in percentages compared with the same period of last year were recorded in the West North Central (11.4%), the Middle Atlantic (8.8%), and

the South Atlantic (6.1%), divisions. Decreases were recorded in the East North Central (-11.1%), and the East South Central (-1.2%) divisions. The estimated totals by quarters for the geographic divisions do not include Alaska and Hawaii.

The five leading States in the production-for-consumption of *crushed stone* in the third quarter of 2003 were Pennsylvania, Texas, Florida, Illinois, and Ohio. Their combined total production-for-consumption was 130,800 million metric tons or 29% of the U.S. total. Production-for-consumption of *crushed stone* in the third quarter of 2003 declined in 21 of the 40 estimated States, with the largest decreases in percentages occurring in New Hampshire (-37.3%), Wyoming (-15.2%), Oregon (-12.7%), and Colorado (-11.9%). In the same period, production-for-consumption of *crushed stone* increased in 19 States, the largest increases in percentages being recorded in Maine (38.4%), Virginia (19.8%), Alabama (17.6%), and Georgia (14.8%).

The six leading States in the production-for-consumption of *construction sand and gravel* in the third quarter of 2003 were California, Minnesota, Texas, Michigan, Arizona, and Ohio. Arizona and Ohio had the same estimated production for the third quarter and therefore both were included in this listing. Their combined total production-for-consumption was 135.5 million metric tons or 39.7% of the U.S. total.

Production-for-consumption of *construction sand and gravel* in the third quarter of 2003 increased in 29 of the 44 estimated States, with the largest percentage increases occurring in Connecticut (32.6%), Georgia (28.9%), Arizona (24.5%), Louisiana (24.3%), and Nevada (22.7%). In the same period, significant percentage decreases occurred in Kentucky (-32.4%), Michigan (-30.8%), and Colorado (-29%).

A total of 306 companies representing *crushed stone* and *construction sand and gravel* producers reported production-for-consumption information to the third quarter sample survey. The large participation of the producing companies in this survey is reflected by the high percentage coverage obtained for most geographic divisions and States. The percentage coverage indicates how much of the total estimated production-for-consumption for a State or a geographic division was actually reported by companies participating in this survey and was used to generate the estimated totals for that particular area.

The percent changes between the estimated production-for-consumption for the current quarter and the same quarter of the prior year included in this report are important indicators of the production/consumption trends occurring in a particular area of the country.

TABLE 1
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2002				2003							
	Quantity			Value total ²	Quantity 1st qtr.	Per- cent change ³	Quantity 2nd qtr.	Per- cent change ³	Quantity 3rd qtr.	Per- cent change ³	Percent cover- age	Number of cos. ⁴
	3rd qtr.	4th qtr.	Total ²									
Northeast:												
New England	13,800	10,100	38,800	\$273,000	3,290	-2.1	11,600	-0.1	13,300	-3.8	65	14
Middle Atlantic	60,200	42,000	179,000	1,100,000	19,500	-17.2	51,100	-3.9	58,700	-2.4	62	29
Midwest:												
East North Central	92,700	74,100	281,000	1,350,000	31,500	-8.4	77,200	-2.8	91,900	-0.9	68	35
West North Central	48,000	38,700	156,000	827,000	24,500	-5.4	43,500	1.0	46,100	-3.9	54	34
South:												
South Atlantic	94,900	81,100	351,000	2,240,000	72,300	-4.4	97,800	-1.4	105,000	10.5	85	33
East South Central	44,400	38,100	152,000	922,000	31,000	9.6	41,300	1.3	46,200	4.1	68	15
West South Central	50,400	42,000	189,000	898,000	41,000	-9.7	48,600	-4.4	50,200	-0.4	77	26
West:												
Mountain	15,600	12,600	53,400	300,000	8,990	-6.5	15,000	-3.6	14,900	-4.5	48	20
Pacific ⁵	27,500	26,100	101,000	604,000	20,900	1.5	23,800	-11.1	25,200	-8.6	51	25
Total²	448,000	365,000	1,520,000	8,590,000	253,000	-5.2	410,000	-2.5	451,000	0.8	XX	XX

XX Not applicable.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data are rounded to no more than three significant digits, may not add to totals shown.

³Compared with the same period of the previous year, all percentage changes are calculated using unrounded totals.

⁴Number of companies reporting for the quarterly survey.

⁵Does not include Alaska and Hawaii.

⁶Includes Alaska, Hawaii, and "Other" totals; see table 2, footnote 7.

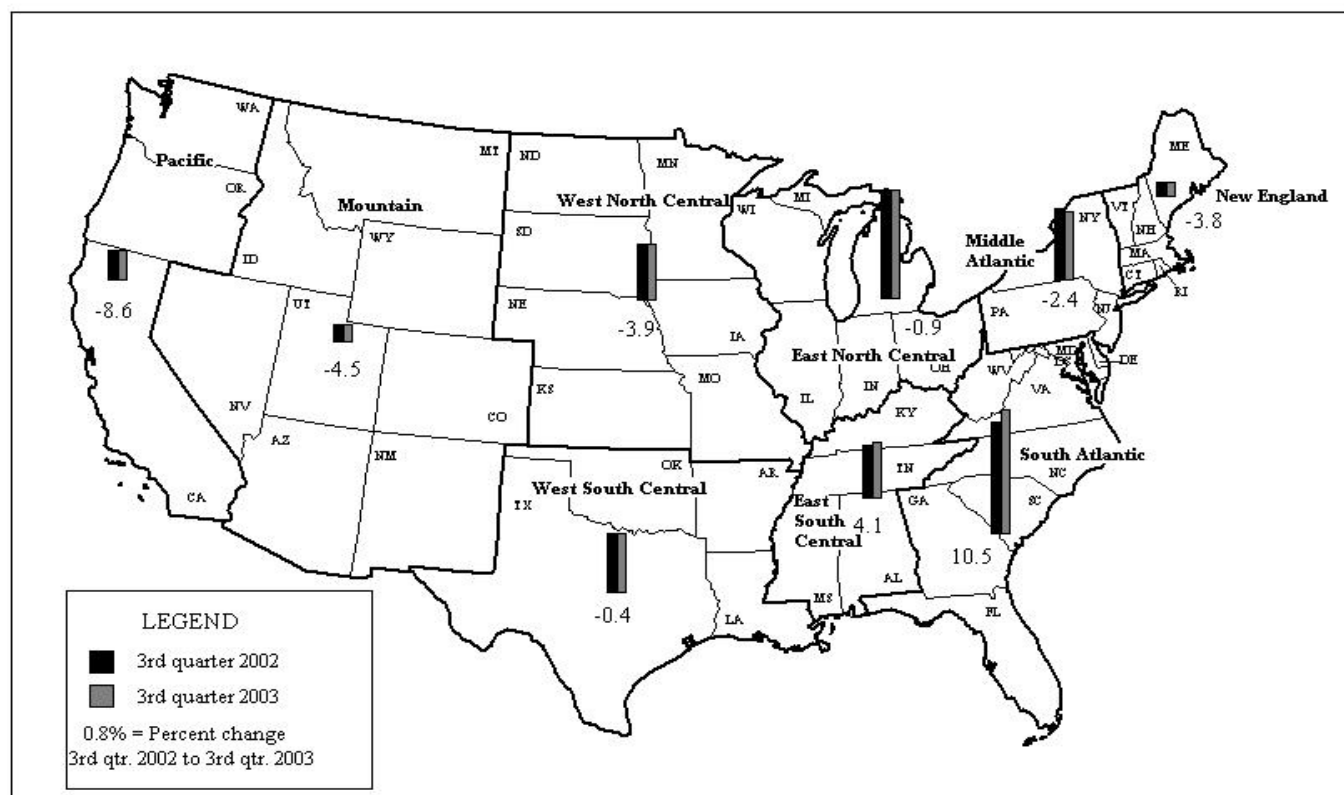


Figure 1 - Third quarter crushed stone production by geographic division

TABLE 2
CRUSHED STONE SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2002				2003							
	Quantity			Value total ²	Quantity 1st qtr.	Per- cent change ³	Quantity 2nd qtr.	Per- cent change ³	Quantity 3rd qtr.	Per- cent change ³	Percent cover- age	Number of cos. ⁴
	3rd qtr.	4th qtr.	Total ²									
Alabama	12,300	10,300	43,400	\$262,000	10,700	17.1	13,100	13.0	14,400	17.6	72	11
Alaska	(5)	(5)	1,280	6,960	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Arizona	(6)	(6)	8,450	51,800	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Arkansas	9,000	6,930	30,800	159,000	5,330	-15.4	8,120	-5.3	9,390	4.3	62	9
California	17,700	17,200	67,400	423,000	13,700	-3.8	16,300	-10.5	16,200	-8.1	54	15
Colorado	4,310	3,640	15,000	96,000	2,170	-15.6	4,290	-3.3	3,800	-11.9	69	6
Connecticut	3,760	2,860	10,200	85,300	782	14.3	3,080	8.5	3,540	-5.8	81	4
Delaware	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Florida	24,700	23,800	97,700	573,000	23,100	-4.2	25,900	2.8	25,300	2.7	69	10
Georgia	18,600	15,800	69,100	454,000	15,800	-3.9	19,300	-1.7	21,300	14.8	99	7
Hawaii	(5)	(5)	6,380	65,100	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Idaho	565	699	3,420	15,800	381	-46.0	1,070	-26.4	640	13.3	46	3
Illinois	24,600	20,700	75,200	431,000	8,550	-4.7	19,400	-7.3	24,700	0.4	65	10
Indiana	18,200	13,900	55,500	268,000	7,310	-11.1	15,600	2.1	17,300	-5.0	79	13
Iowa	10,800	9,650	35,900	194,000	3,910	-15.4	10,800	-1.2	10,700	-0.7	54	7
Kansas	5,780	5,500	21,700	107,000	3,960	-11.9	5,730	-2.5	5,680	-1.7	62	9
Kentucky	15,400	14,300	50,600	302,000	9,800	9.6	12,800	7.1	14,600	-5.2	57	8
Louisiana	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)	(6, 7)
Maine	1,410	902	4,010	23,400	579	9.5	912	-21.8	1,950	38.4	57	4
Maryland	7,900	6,180	22,300	141,000	4,080	-25.4	7,770	-2.4	7,870	-0.4	93	9
Massachusetts	4,660	3,470	13,800	107,000	1,230	-14.7	4,110	-2.4	4,610	-1.1	71	5
Michigan	13,900	12,300	41,100	170,000	2,750	-12.8	11,700	-1.1	14,500	3.9	76	9
Minnesota	4,120	2,500	9,960	57,600	446	45.7	2,760	-8.8	4,160	1.1	52	4
Mississippi	(6)	(6)	2,620	27,900	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Missouri	23,200	17,900	74,100	380,000	14,600	-0.3	19,900	8.4	21,100	-8.9	46	13
Montana	(6)	(6)	2,370	10,000	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Nebraska	1,940	1,740	7,220	53,200	1,310	-5.9	1,980	-7.8	1,970	1.8	90	6
Nevada	2,210	1,810	8,010	41,900	1,880	1.0	2,490	16.5	2,410	8.9	31	4
New Hampshire	1,690	1,170	4,730	24,100	310	0.7	1,280	-22.2	1,060	-37.3	70	4
New Jersey	8,300	4,180	20,500	127,000	3,280	10.3	7,080	40.5	8,270	-0.4	56	5
New Mexico	1,100	666	3,680	23,300	920	11.0	1,090	--	1,190	8.2	40	4
New York	19,900	14,000	56,500	391,000	3,960	-33.3	15,100	-10.0	19,700	-0.7	72	9
North Carolina	17,400	14,100	62,900	451,000	11,900	-3.1	17,600	-7.5	19,700	13.2	96	11
North Dakota	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)	(5, 7)
Ohio	23,800	18,000	72,600	329,000	8,650	-8.2	20,000	-6.1	23,100	-3.2	80	12
Oklahoma	12,300	9,930	45,000	196,000	9,220	-16.3	12,600	6.5	14,000	13.6	66	12
Oregon	6,360	4,860	19,800	101,000	4,400	31.2	4,250	-18.5	5,560	-12.7	51	11
Pennsylvania	31,900	23,700	102,000	580,000	12,800	-14.6	29,300	-6.8	30,500	-4.3	59	20
Rhode Island	(6)	(6)	1,780	11,400	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
South Carolina	6,850	5,690	25,700	165,000	6,110	5.8	7,070	-3.9	7,300	6.7	78	5
South Dakota	2,450	1,430	6,780	33,600	673	-2.5	2,170	-1.4	2,430	-1.0	81	6
Tennessee	16,000	13,100	54,900	330,000	9,940	2.4	14,600	-9.3	16,200	1.5	77	8
Texas	29,700	24,900	113,000	543,000	25,900	-7.5	28,000	-7.7	27,200	-8.3	82	12
Utah	2,580	2,030	7,640	38,100	1,270	12.9	2,040	7.2	2,550	-1.0	58	5
Vermont	(6)	(6)	4,360	21,300	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Virginia	16,500	13,700	58,900	395,000	11,100	-4.0	17,800	3.8	19,800	19.8	76	10
Washington	3,480	4,190	13,700	79,900	2,710	-7.5	3,170	1.5	3,410	-2.1	36	4
West Virginia	4,700	3,830	14,400	63,400	2,040	6.3	3,880	-1.9	4,940	5.0	60	7
Wisconsin	12,800	9,040	36,200	151,000	4,480	-3.9	11,300	17.6	14,300	11.7	21	7
Wyoming	1,590	943	4,890	23,300	662	-19.4	1,230	-19.7	1,350	-15.2	82	5
Other	XX	XX	12,800	101,000	XX	XX	XX	XX	XX	XX	XX	XX
Total	XX	XX	1,520,000	8,590,000	XX	XX	XX	XX	XX	XX	XX	XX

XX Not applicable. -- Zero.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated

²Data are rounded to no more than three significant digits, may not add to totals shown.

³Compared with the same period of the previous year, all percentage changes are calculated using unrounded totals.

⁴Number of companies reporting for the quarterly survey.

⁵State not included in quarterly survey.

⁶Owing to a low number of reporting companies, no production estimates by quarters were generated.

⁷To avoid disclosing proprietary data, certain State totals do not include all kinds of stone produced within the State; the portion not shown has been included with

"Other."

TABLE 3
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY DIVISION¹

(Thousand metric tons and thousand dollars)

Region/Division	2002				2003							
	Quantity			Value total ²	Quantity 1st qtr.	Per- cent change ³	Quantity 2nd qtr.	Per- cent change ³	Quantity 3rd qtr.	Per- cent change ³	Percent cover- age	Number of cos. ⁴
	3rd qtr.	4th qtr.	Total ²									
Northeast:												
New England	16,100	11,100	45,400	\$243,000	4,740	-5.8	12,700	-4.0	16,900	5.0	24	21
Middle Atlantic	21,100	14,300	63,900	369,000	8,600	-1.4	18,800	-4.9	22,900	8.8	28	21
Midwest:												
East North Central	74,500	54,700	225,000	939,000	24,200	-9.1	67,100	-2.5	66,200	-11.1	40	41
West North Central	42,800	27,700	113,000	427,000	8,080	-6.1	35,700	3.9	47,600	11.4	31	32
South:												
South Atlantic	20,800	18,300	80,000	396,000	17,700	-5.2	22,500	1.3	22,100	6.1	53	24
East South Central	12,600	9,960	44,800	220,000	7,640	-15.3	11,100	-16.2	12,500	-1.2	37	14
West South Central	30,000	25,600	120,000	597,000	26,100	-12.9	33,200	-2.1	31,800	5.9	40	13
West:												
Mountain	62,700	51,400	210,000	1,010,000	41,800	11.3	60,600	3.0	62,900	0.3	39	23
Pacific ⁵	61,600	52,000	214,000	1,450,000	42,200	0.3	62,400	7.1	63,500	3.2	58	22
Total ²	342,000	265,000	1,130,000 ⁶	5,750,000 ⁶	181,000	-2.8	324,000	0.4	346,000	1.2	XX	XX

XX Not applicable.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data are rounded to no more than three significant digits, may not add to totals shown.

³Compared with the same period of the previous year, all percentage changes are calculated using unrounded totals.

⁴Number of companies reporting for the quarterly survey.

⁵Does not include Alaska and Hawaii.

⁶Includes Alaska and Hawaii.

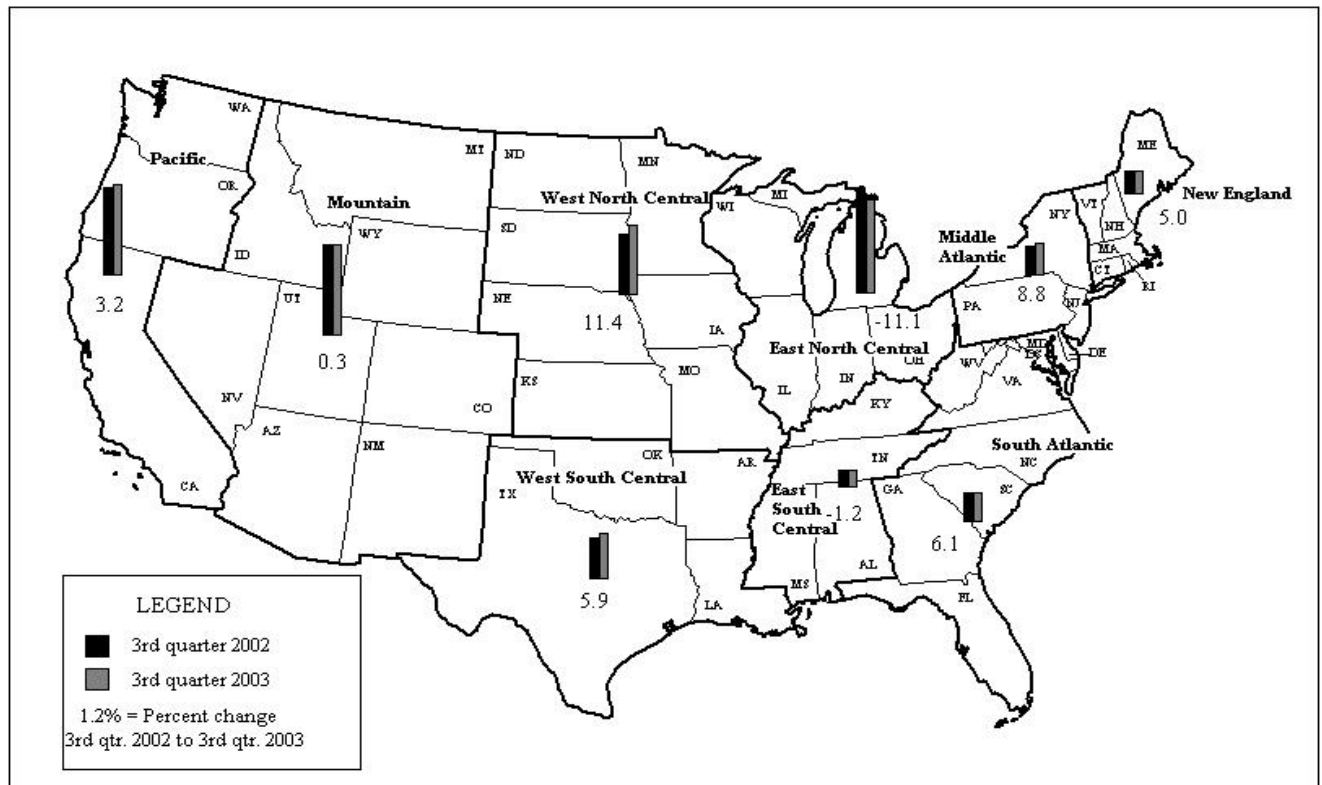


Figure 2 - Third quarter sand and gravel production by geographic division

TABLE 4
SAND AND GRAVEL SOLD OR USED BY PRODUCERS IN THE UNITED STATES, BY STATE¹

(Thousand metric tons and thousand dollars)

State	2002				2003							
	Quantity			Value total ²	Quantity 1st qtr.	Per- cent change ³	Quantity 2nd qtr.	Per- cent change	Quantity 3rd qtr.	Per- cent change	Percent cover- age	Number of cos. ⁴
	3rd qtr.	4th qtr.	Total ²									
Alabama	3,170	2,580	12,500	\$56,700	2,470	-9.9	3,010	-24.1	2,920	-7.9	43	7
Alaska	(5)	(5)	16,300	93,400	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Arizona	12,800	13,500	53,800	294,000	13,500	0.1	15,600	11.7	15,900	24.5	64	8
Arkansas	2,340	2,080	8,810	45,600	1,790	-10.2	2,520	5.1	2,570	9.8	57	3
California	43,500	36,800	151,000	1,110,000	30,900	1.5	46,800	15.9	44,100	1.5	64	15
Colorado	15,100	9,080	40,700	222,000	5,080	19.1	11,500	-5.8	10,700	-29.0	37	7
Connecticut	2,830	1,970	8,140	48,800	634	-7.4	2,640	-0.6	3,750	32.6	28	5
Delaware	(6)	(6)	2,190	17,300	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Florida	6,610	6,520	26,400	114,000	6,800	6.9	7,820	12.7	7,520	13.7	68	9
Georgia	1,640	1,450	6,600	27,200	1,560	-1.6	2,050	6.6	2,120	28.9	48	6
Hawaii	(5)	(5)	610	7,010	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Idaho	(6)	(6)	15,700	5,770	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Illinois	10,800	8,510	32,000	146,000	3,660	3.6	9,670	6.0	11,100	2.5	40	8
Indiana	7,430	6,370	27,600	122,000	4,990	-10.7	8,410	2.1	7,480	0.8	52	7
Iowa	5,050	3,760	14,600	62,300	1,040	-21.2	4,030	-10.5	5,070	0.5	50	6
Kansas	2,860	2,270	9,560	28,700	1,750	-2.8	3,020	14.9	3,080	7.6	21	3
Kentucky	3,450	2,250	9,530	37,900	866	-33.7	2,220	-12.0	2,330	-32.4	14	3
Louisiana	4,400	4,170	17,900	96,800	4,470	6.7	5,460	5.6	5,470	24.3	43	3
Maine	4,570	2,250	9,680	40,400	590	-1.0	2,500	10.3	4,060	-11.1	15	4
Maryland	3,390	2,640	12,200	83,500	2,070	-24.8	3,100	-10.3	3,180	-6.1	40	4
Massachusetts	3,890	3,100	12,200	75,300	1,830	-10.8	2,760	-12.5	3,310	-14.8	22	6
Michigan	26,900	18,600	77,300	267,000	5,210	-9.9	24,600	-5.4	18,600	-30.8	38	10
Minnesota	18,600	10,900	43,700	175,000	1,190	63.3	14,600	8.7	22,100	18.5	37	9
Mississippi	3,840	2,920	13,600	73,200	2,310	-13.9	3,270	-21.5	3,890	1.4	49	5
Missouri	3,300	2,580	10,000	42,300	1,290	-6.8	2,880	4.5	3,440	4.3	51	4
Montana	6,300	3,730	16,700	76,000	2,410	67.6	6,000	13.7	6,040	-4.1	40	3
Nebraska	4,000	2,240	12,900	44,200	1,800	-25.4	4,160	-3.0	3,980	-0.4	22	5
Nevada	9,490	8,480	35,400	159,000	8,820	13.4	9,080	-6.0	11,600	22.7	19	5
New Hampshire	3,070	2,060	8,640	41,600	997	0.1	2,580	2.9	3,400	10.8	37	5
New Jersey	4,510	4,020	16,000	96,300	2,340	-12.1	4,440	-8.6	4,540	0.7	26	5
New Mexico	3,720	3,090	12,800	62,600	3,090	18.4	3,970	15.9	3,900	4.8	37	5
New York	11,100	6,250	29,800	158,000	4,020	12.3	9,190	3.4	12,300	10.7	21	10
North Carolina	2,510	2,070	10,000	50,700	1,950	-22.7	2,200	-25.5	2,490	-0.9	29	4
North Dakota	(5)	(5)	10,700	27,900	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Ohio	17,000	11,700	48,700	250,000	5,380	-13.6	13,300	-3.5	15,900	-6.4	53	15
Oklahoma	2,740	2,090	10,200	41,300	2,160	-14.2	2,760	-4.4	2,670	-2.5	47	6
Oregon	6,590	4,730	19,500	116,000	3,360	3.6	4,340	-12.3	6,670	1.2	46	5
Pennsylvania	5,790	3,990	18,100	115,000	2,310	-4.6	5,310	-9.7	6,440	11.2	39	10
Rhode Island	(6)	(6)	1,760	14,100	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
South Carolina	2,740	2,320	10,300	35,500	2,170	-2.7	2,970	-0.9	2,780	1.4	41	4
South Dakota	4,620	2,790	11,900	47,500	847	-2.6	4,310	19.1	5,360	15.9	14	6
Tennessee	2,670	2,370	9,220	51,900	1,470	-22.4	2,560	12.1	3,190	19.4	35	5
Texas	20,400	17,200	82,600	413,000	17,700	-17.6	22,400	-4.9	20,900	2.0	37	10
Utah	9,210	7,290	27,600	104,000	3,980	49.0	6,660	-20.8	8,720	-5.4	31	3
Vermont	1,470	1,220	4,990	22,200	437	-3.1	1,410	-23.9	1,560	5.7	21	4
Virginia	2,920	2,390	10,500	60,000	2,250	4.6	3,100	2.1	3,350	14.7	59	9
Washington	11,400	10,400	43,200	223,000	7,350	-8.4	9,810	-26.7	13,100	14.5	40	7
West Virginia	606	396	1,700	8,450	265	9.4	476	3.5	529	-12.7	78	5
Wisconsin	12,200	9,790	39,000	154,000	4,220	-4.5	11,500	-8.8	13,600	11.5	20	9
Wyoming	3,430	1,660	7,710	32,100	553	17.2	2,170	1.4	3,170	-7.7	16	3
Total	XX	XX	1,130,000	5,750,000	XX	XX	XX	XX	XX	XX	XX	XX

XX Not applicable.

¹Quarterly totals shown are estimates based on a sample survey. Estimated quantities for prior quarters have been recalculated.

²Data are rounded to no more than three significant digits, may not add to totals shown.

³Compared with the same period of the previous year, all percentage changes are calculated using unrounded totals.

⁴Number of companies reporting for the quarterly survey.

⁵State not included in quarterly survey.

⁶Owing to a low number of reporting companies, no production estimates by quarters were generated.